
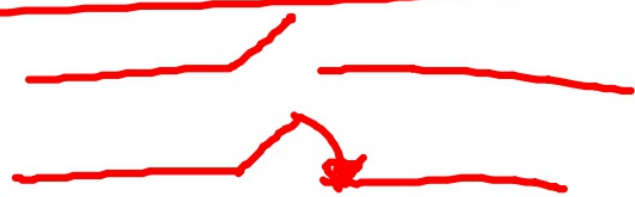





Term	Symbol	Unit
Voltage	V	Volts (V)
Current	I	Amps (A)
Resistance	R	Ohms (Ω)
Power	P	Watts (W)

OHM'S LAW

$$V = IR$$

$$P = IV$$

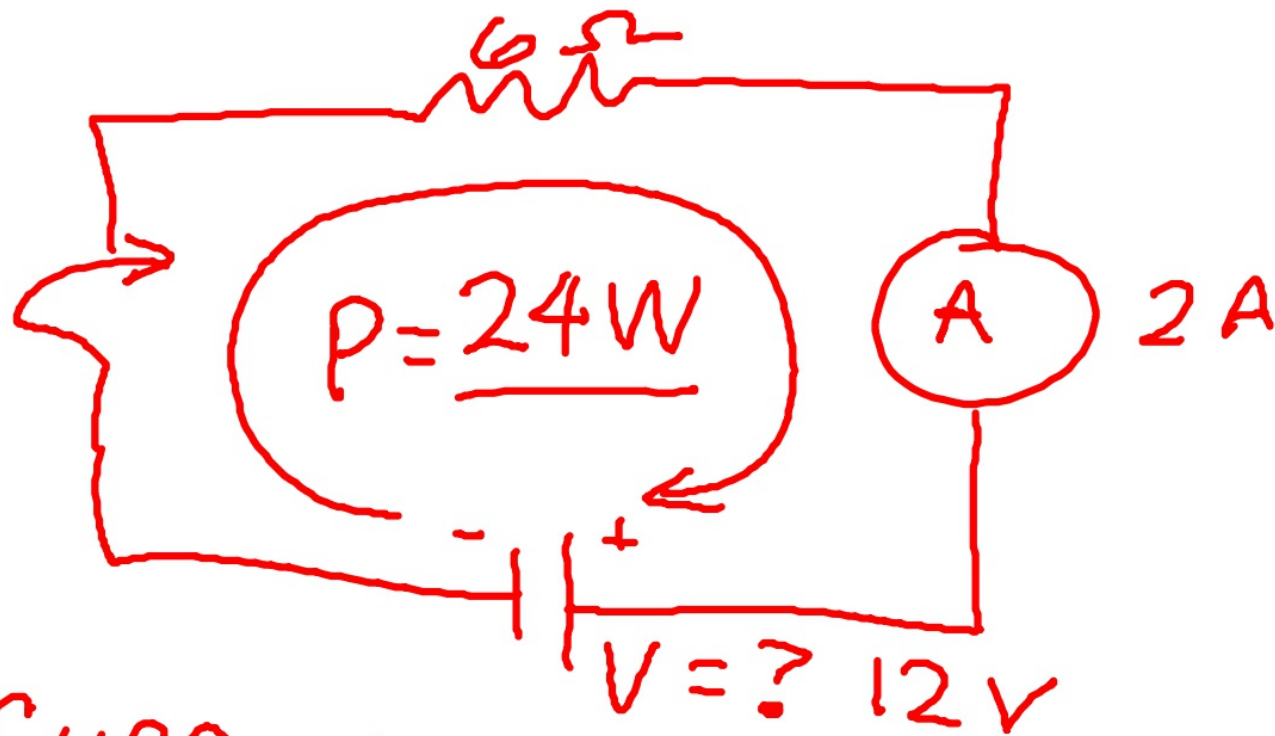
ITEM	SYMBOL
BATTERY	
Switch open closed	
Ammeter measures (Amps)	
Voltmeter measures (Volts)	
LIGHT	
MOTOR	

MOTOR



RESISTOR





CURRENT flows FROM
⊖ to ⊕

$$V = IR = (2A)(6\Omega) = 12V$$

$$P = IV = (2A)(12V) = 24W$$